

**ABSTRACT OF THE DISCLOSURE**

A bed panel assembly includes a vertical bedpost, a bed panel having a connecting end with a positioning piece that has neck and head portions, and a retaining unit mounted on the bedpost. The retaining unit includes a base plate having a retaining hole with large and small hole sections and a first passage, and a retainer having two resilient arms that confine a clamping hole for receiving the neck portion and that respectively include free ends which define a second passage therebetween. The free ends are resiliently movable away from each other to enlarge the second passage when the neck portion is forced to pass through the same.